LANDSCAPE PLANS PREPARED FOR:

O R

TYPICAL RESIDENTIAL PLOT



LOW-WATER-USE LANDSCAPE DESIGN STATEMENT EMPTY NESTER/ENTERTAINER

THE LANDSCAPE DESIGN FOR THIS RESIDENTIAL YARD IS BASED AND STRUCTURED ON THE NATURE OF THE HOMEOWNER'S ACTIVITIES. THE HOMEOWNERS ARE EMPTY NESTERS THAT ENTERTAIN OFTEN. THE LANDSCAPE DESIGN SERVES AS A BACKDROP TO ENHANCE THEIR ENTERTAINMENT ACTIVITIES.

HARDSCAPE ELEMENTS, SUCH AS BUILT-IN-BBQ, FIREPLACE, A VINE COVERED WOOD TRELLIS, AND INFORMAL FLAGSTONE PAVING, HELP TO CREATE AN INVITING ATMOSPHERE. A SMALL RECIRCULATING WATER FEATURE IS AN ACCENT TO THE GARDEN WHICH IS LOCATED ON A BACK RAISED PLANTER WALL. THE WATER FEATURE IS CENTERED ON THE BACKYARD DOORS DRAWING THE GUESTS OUT ONTO THE EXTERIOR PATIO. IT ALSO PROVIDES THE GARDEN WITH THE PLEASANT SOUND OF TRICKLING WATER. A SMALL AREA OF ARTIFICIAL TURF AND DROUGHT TOLERANT PLANT MATERIAL SHALL COMPLIMENT THE LANDSCAPE DESIGN. AS WATER CONSERVATION IS OF UTMOST IMPORTANCE, DROUGHT TOLERANT PLANT MATERIAL SHALL BE USED EXCLUSIVELY THROUGHOUT THE PROPERTY.

PLANTING CONCEPT: • Low Maintenance:

Low Maintenance: Because the homeowners are empty nesters, the landscape was designed so that little maintenance is required. Drought tolerant: The planting concept was developed using a drought tolerant plant pallet. This will help conserve water and keep the yard attractive when the homeowners are away.

IRRIGATION CONCEPT:

This irrigation design utilizes three different irrigation

DRIP IRRIGATION: This system uses the lowest amount of water, and shall be recommended for the raised planter area.
LOW PRECISION SPRAY HEADS: (such as those manufactured by Toro) Most areas that are less than 10' in width will get low precision spray heads. These heads use much less water than conventional spray heads.
MP ROTATOR HEADS: (such as those manufactured by Hunter) All areas that are larger than 10' in width shall be installed with MP Rotator heads. MP Rotator heads fall somewhere between drip irrigation and precision nozzle spray heads in terms of amount of water used.
SMART CONTROLLER: A smart controller shall monitor the outside weather conditions and limit the irrigation system to water only when it is needed by the plants. For example, when it is raining, the controller will shut off the entire irrigation system. It will turn the system back on when the soil becomes dry and moisture is needed.

O Adjusts watering to changes in climatic condition of the plants of the program and install.

BACK YARD VIEW



LANDSCAPE TITLE S
PLANTING PLAN
PLANT PHOTOS
IRRIGATION PLAN

SHEET

PLANTING AND IRRIGATION DETAILS

L-3 L-3 L-5

MAWA = (ETo)(0.62)[0.7 × LA + 0.3 × SLA] MAWA = (46.5)(0.62)[0.7 × 2,880 + 0.3 × 0] MAWA = 58,121 Gallons per Year MAWA = 58,121 / 748 = 78 HCF (Hundrec

MAXIMUM APPLIED WATER ALLOWANCE CALCULATI

LEGEND

HELIX WATER DISTRICT OTAY WATER DISTRICT PADRE DAM MUNICIPAL WATER DISTRICT SWEETWATER AUTHORITY

PREPARED FOR:

IRRIGATION HYDROZONE 2

ETWU = (ETo)(0.62)(PF x HA / IE + SLA)

ETWU = (46.5)(0.62)(0.2 x 1,253 / 0.75 + 0)

ETWU = 9,633 Gallons per Year

ETWU = 9,633 / 748 = 13 HCF (Hundred-Cubi

IRRIGATION HYDROZONE 3

ETWU = (ETO)(0.62)(PF x HA / IE + SLA)

ETWU = (46.5)(0.62)(0.2 x 1,097 / 0.65 + 0

ETWU = 9,731 Gallons per Year

ETWU = 9,731 / 748 = 13 HCF (Hundred-C

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CONCLUSION

PLAN VIEW

TESHIMA DESIGN GROUP

PREPARED BY:

NOT TO SCALE

STREET

TYPICAL RESIDENTIAL PLOT

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IRRIGATION HYDROZONE PLAN **WATER USE**

DESIGN FOR EMPTY NESTER/ENTERTAINER

LANDSCAPE TITLE **SHEET**